

**DALY, CROWLEY & MOFFORD, LLP****Telephone: 781-401-9988****Facsimile: 781-401-9966****RECEIVED  
CENTRAL FAX CENTER****JUL 30 2004****FACSIMILE TRANSMITTAL SHEET**Including this transmittal sheet, document consists of 18 pages.Date: July 30, 2004**Deliver To: Commissioner for Patents****From: Kermit Robinson, Esq.****Company: U.S. PTO****Facsimile Number: 703-872-9306****Telephone Number:****MESSAGE****PLEASE IGNORE PREVIOUS ATTEMPT AT THIS SUBMISSION.****I AM, HEREWITH, SENDING THIS SUBMISSION AGAIN.****Re: U.S. Patent Application of Michael Doogue, et al.****Entitled: CURRENT SENSOR****Filed On: August 26, 2003****Application No.: 10/649,450****Atty.Dckt. No.: ALLEG-039PUS****PLEASE CONFIRM RECEIPT OF THIS FACSIMILE TRANSMISSION.****THANK YOU.****STATEMENT OF CONFIDENTIALITY**

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PTO/SB/21 (modified) (02-04)

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/649,450	
	Filing Date	August 26, 2003	
	First Named Inventor	Michael Doogue	
	Art Unit	2831	
	Examiner Name	Carmelo B. Oliva	
Total Number of Pages in This Submission	17	Attorney Docket Number	ALLEG-039PUS

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.62 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
Remarks: In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Kermit Robinson Daly, Crowley & Mofford, LLP	Reg. No. 48,734
Signature	<i>Kermit Robinson</i>	
Date	July 30, 2004	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Kermit Robinson	
Signature	<i>Kermit Robinson</i>	Date July 30, 2004

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/649,450  
Applicant : Michael Doogue et al.  
Filed : August 26, 2003  
T.C./A.U. : 2831  
Examiner : Carmelo B. Oliva

Confirmation No.: 5775

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Docket No. : ALLEG-039PUS  
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July 30, 2004  
Date of Signature  
and Mail Deposit

By: Kenneth Robinson  
Kenneth Robinson  
Reg. No. 48,734

AMENDMENT

MS Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Official Action dated June 7 2004, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.